

33082M356

P A T E N T

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Satoshi ASARI, et al.

Serial No.: 10/593,901

Art Unit: Not Yet Assigned

Filed: September 22, 2006

Examiner: Not Yet Assigned

For: VERTICAL HEAT TREATMENT SYSTEM AND AUTOMATIC  
TEACHING METHOD FOR TRANSFER MECHANISM**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**  
**UNDER 35 U.S.C. 371**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification mailed March 27, 2007, Applicants submit herewith the following documents relating to the above-captioned patent application:

- \* A copy of the Notification of Missing Requirements;
- \* Translation of the application;
- \* Executed Declaration/Power of Attorney;
- \* Assignment Recordation Cover Sheet and Executed Assignment;
- \* Information Disclosure Statement, PTO Form 1449 and cited documents;
- \* Amendment Under PCT Article 34 (in Japanese with translation); and
- \* Check for \$300 to cover the late surcharge (\$130), surcharge for filing translation (\$130) and the Assignment Recordation (\$40).

If any additional fees are due in connection with this filing, such as fees under 37 C.F.R. §§ 1.16 or 1.17, the Commissioner is authorized to charge the fees to SGR Deposit Account No. 02-4300. Similarly, please credit any overpayment to SGR Deposit Account No. 02-4300.

Respectfully submitted,  
SMITH, GAMBRELL & RUSSELL, LLP

By:

01 FC#1612  
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Date: April 18, 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/593,901	Satoshi Asari	33082M356

INTERNATIONAL APPLICATION NO.	
PCT/JP05/05529	
I.A. FILING DATE	PRIORITY DATE
03/25/2005	03/25/2004

441  
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WASHINGTON, DC 20036

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133082.356

Mag. Requirements Due = 5-27-07

CONFIRMATION NO. 5783

371 FORMALITIES LETTER



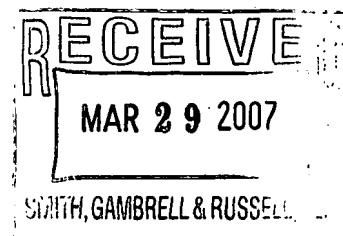
\*OC000000023088600\*

Date Mailed: 03/27/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/22/2006
- Copy of the International Search Report filed on 09/22/2006
- Copy of IPE Report filed on 09/22/2006
- Copy of Annexes to the IPER filed on 09/22/2006
- Information Disclosure Statements filed on 09/22/2006
- Request for Immediate Examination filed on 09/22/2006
- U.S. Basic National Fees filed on 09/22/2006
- Priority Documents filed on 09/22/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application

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by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$260 for a Large Entity:

- \$130 Surcharge.
- \$130 for English translation surcharge required.

Additionally the following defects have been observed:

- Annexes have not been entered because the IPER annexes have not been translated.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/593,901	PCT/JP05/05529	33082M356